

In the Specification:

Please replace the paragraphs on page 6, lines 6-29, with the following rewritten paragraphs. Submitted herewith as Appendix B on a separate sheet according to the provisions of 37 CFR 1.21 is a version of the previous paragraphs on page 6, lines 6-29, marked-up to show the changes made relative to the following replacement paragraphs:

CLEAN COPY - ENTER:

FIGURE 6: (Fig.6A-6D): pQE-tmgD. Nucleotide coding sequence for the tmgD, flanked by plasmid pQE-31 sequences, including a sequence encoding a 6XHIS tag, which is expressed connected to the tmgD (SEQ ID NO: 20). The amino acid sequence of the tmgD with the connected 6XHIS tag is also shown (SEQ ID NO: 21).

FIGURE 7 (Fig.7A-7D): Nucleotide coding sequence and flanking sequences for plasmid pQE-GnRH:gD (SEQ ID NO: 22). Amino acid sequence of the 4GnRH-tmgD fusion protein, including a 6XHIS tag, is also shown (SEQ ID NO: 23).

Ba FIGURE 8 (Fig.8A-8D): pQE-gD:GnRH. Nucleotide coding sequence and plasmid flanking sequences are shown (SEQ ID NO: 24). The amino acid sequence of the tmgD-4GnRH, with a 6XHIS tag, is also shown (SEQ ID NO: 25).

FIGURE 9 (Fig.9A-9D): pQE-GnRH:gD:GnRH. Nucleotide coding sequence and plasmid flanking sequences are shown (SEQ ID NO: 26). The amino acid sequence of the 4GnRH-tmgD-4GnRH, with a 6XHIS tag, is also shown (SEQ ID NO: 27).

FIGURE 10: Comparison of expression products from bacterial vector pQE constructs. "A" is pQE-tmgD, "B" is pQE-gD:GnRH, "C" is pQE-GnRH:gD, and "D" is pQE-GnRH:gD:GnRH. The amino acids which link the gD portions, the GnRH tetramers, and the 6XHIS tags are depicted in this figure.

FIGURE 11 (Fig. 11A-11B): Nucleotide sequence (SEQ ID NO: 28) from plasmid pCMV-tgD encoding a truncated gD, and deduced amino acid sequence (SEQ ID NO: 29) of the truncated gD expression product including the signal sequence.

*Beauid.* FIGURE 12 (Fig. 12A-12C): Nucleotide sequence (SEQ ID NO: 30) from plasmid pCMV-gD:GnRH (ATCC Accession No. 203370) encoding a tgD-4GnRH fusion protein, with deduced amino acid sequence (SEQ ID NO: 31) of the fusion protein product including signal sequence.